

**METHOD AND APPARATUS FOR ADJUSTABLE AVD PROGRAMMING  
USING A TABLE**

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**Abstract**

A pacing system provides for optimal hemodynamic cardiac function for parameters such as ventricular synchrony or contractility (peak left ventricle pressure change during systole or  $LV+dp/dt$ ), or stroke volume (aortic pulse pressure) using  
10 system for calculating atrio-ventricular delays for optimal timing of a ventricular pacing pulse. The system deriving the proper timing using electrical or mechanical events having a predictable relationship with an optimal ventricular pacing timing signal. A look-up table relating the timing of such electrical or mechanical events to atrio-ventricular delay time intervals is provided for programming the pacing system.

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